

# Fraction Hex

**The object of this game is to move two game markers from matching hexagons to opposite matching hexagons that have the same number. This is a game for two or three players.**

## Materials

- Fraction Hex Game Board 1 and the Halves, Thirds, and Sixths Models or Fraction Hex Game Board 2 and the Halves, Fourths, and Eighths Models
- Fraction Hex Spinner
- two game markers for each player (e.g., same color centimeter cubes)
- one clear plastic spinner or pencil with paper clip

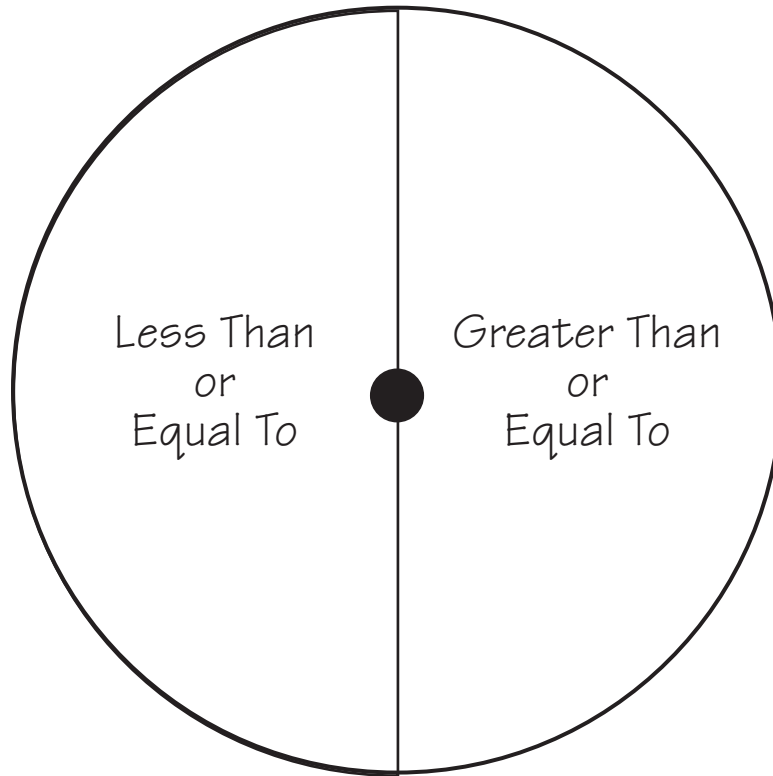
## Directions

1. Choose the Fraction Hex Game Board 1 with Halves, Thirds, and Sixths Models or Fraction Hex Game Board 2 with Halves, Fourths, and Eighths Models.
2. Each player places both of his or her game markers on two adjacent hexagons with the same number and shading pattern (solid black, stripes, or stipples). The target hexagons are the pair with the same pattern on the other side of the game board.
3. The first player spins the Fraction Hex Spinner.
4. If “Greater Than or Equal To” shows, the player can move one marker to a neighboring hexagon with a number that is greater than or equal to the number in the hexagon where the marker is now.
5. If “Less Than or Equal To” shows, the player can move one marker to a neighboring hexagon with a number that is less than or equal to the number in the hexagon where the marker is now.
6. The player does not have to move a marker during his or her turn.
7. More than one marker can be on the same hexagon at the same time.
8. Players take turns spinning the spinner and moving game markers.
9. The first player to get both game markers to his or her target hexagons is the winner.

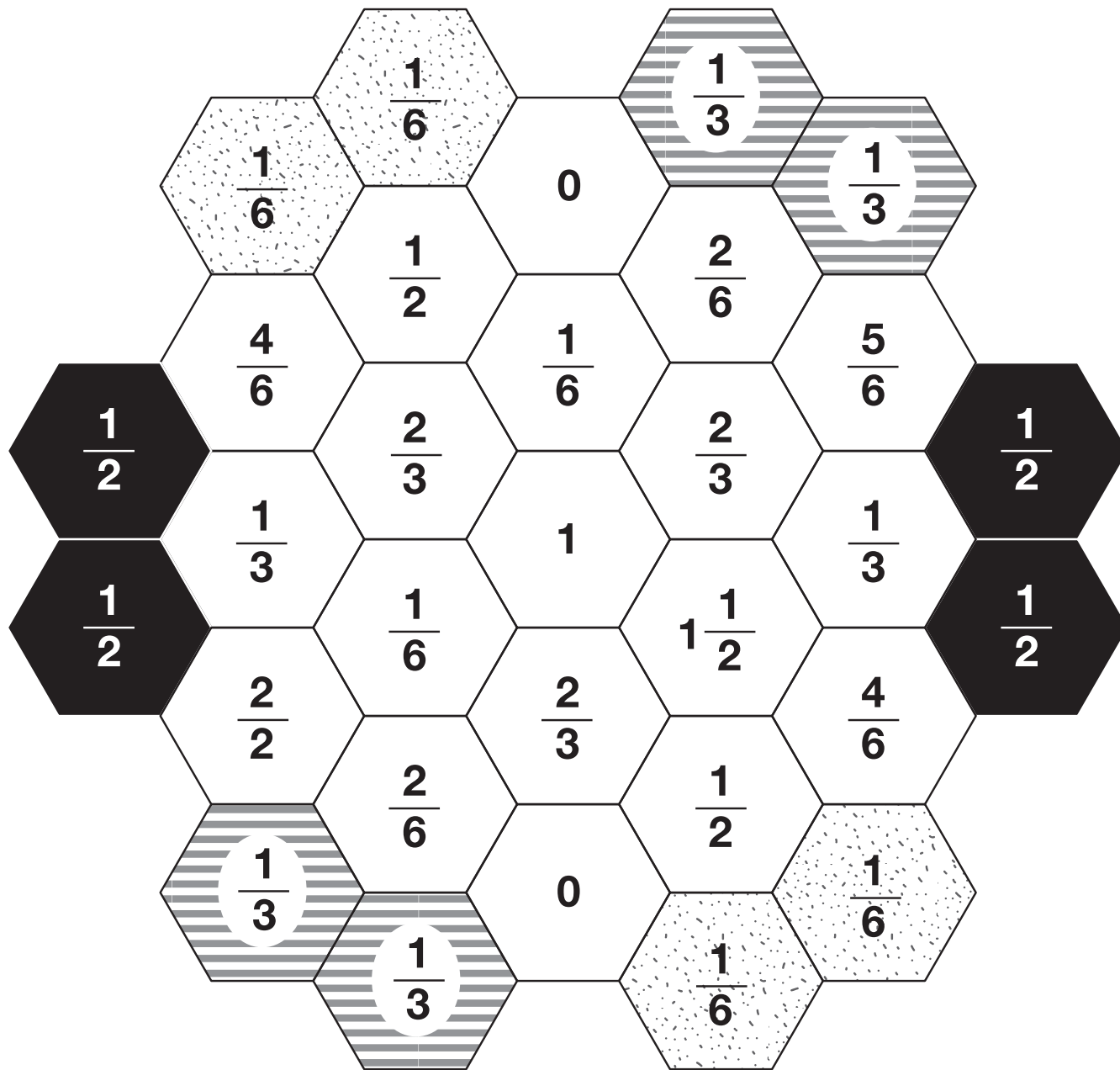
## Variation

- Only *one* marker can be on the same hexagon at the same time.

## Fraction Hex Spinner

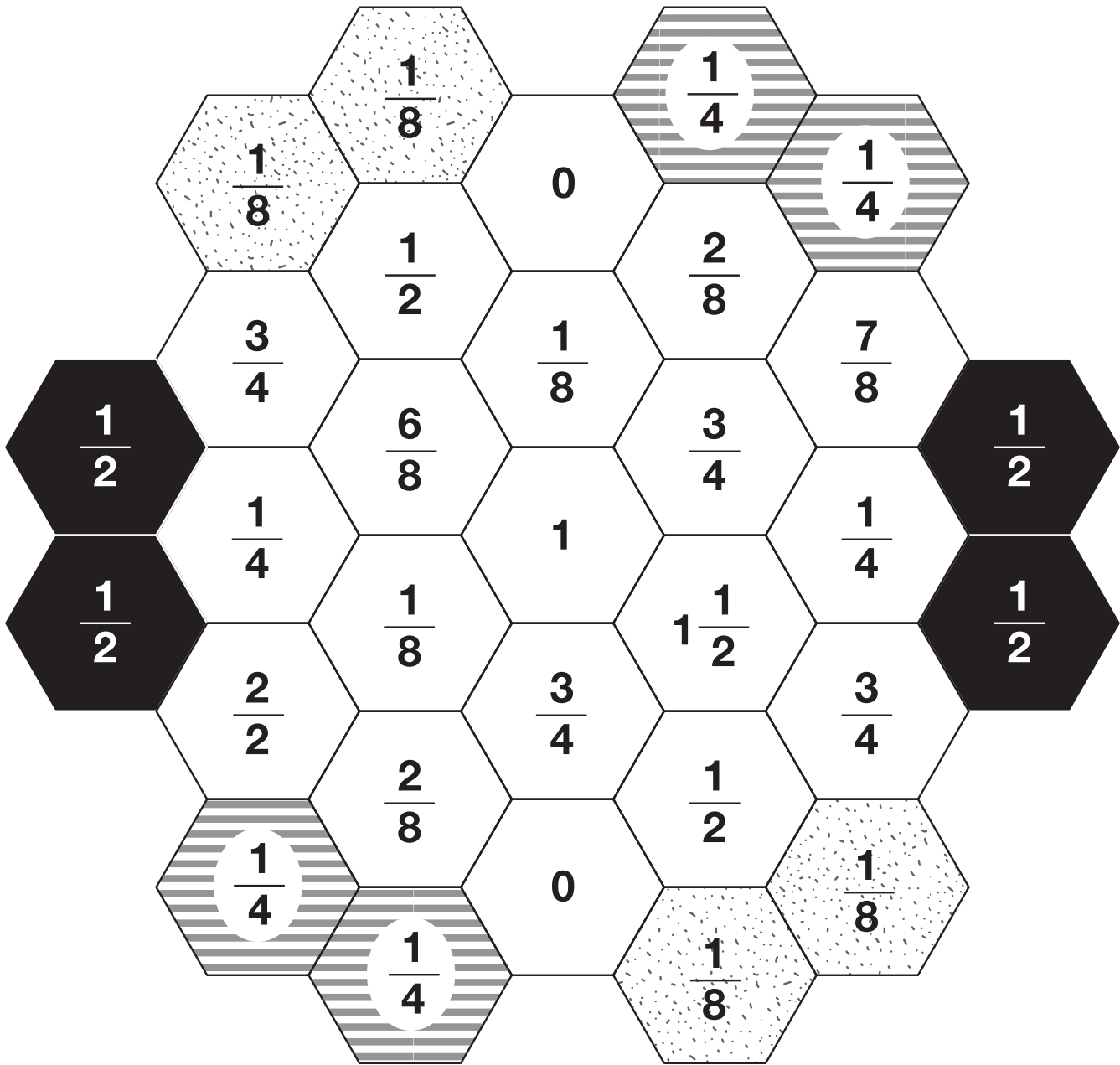


# Fraction Hex Game Board 1



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## Fraction Hex Game Board 2

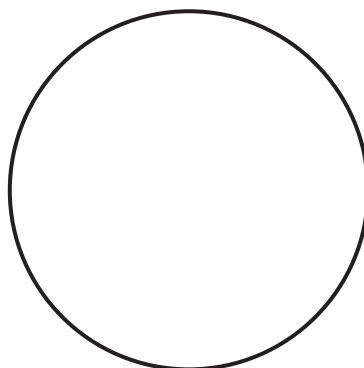
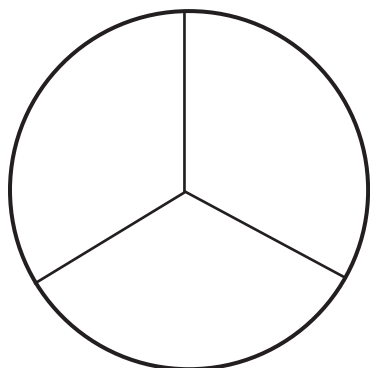
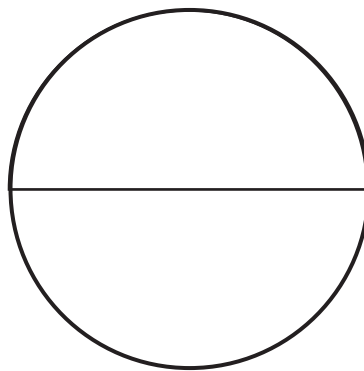
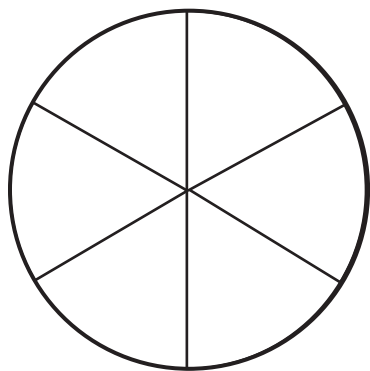


# Halves, Thirds, and Sixths Models

Fraction Chart

1 unit whole					
$\frac{1}{2}$			$\frac{1}{2}$		
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

Fraction Circle Pieces



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# Halves, Fourths, and Eighths Models

Fraction Chart

1 unit whole							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Fraction Circle Pieces

